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(54) PURIFICATION METHOD OF POLYPHENOLIC COMPOUND

(57)Abstract:

PURPOSE: To purify the subject compound, especially (epi)catechin I gallate and (epi)gallocatechin gallate with a high purity and at a low cost, by eluting an adsorbed component after contacting a polyphenolic compound containing solution with a wood powder.

CONSTITUTION: This purified compound from which caffeine and pigments are removed, is obtained by after contacting a solution of vegetable origin polyphenolic compounds containing a (epi)catechin gallate and (epi)gallocatechin gallate, especially a solution of polyphenolic compounds contained in tea of Theaceae, with a wood powder (preferably a lignocellulose prepared by washing the wood powder with an acid, alkali and organic solvent), by eluting adsorbed component with a solvent such as ethanol preferably at a temperature of 5–60° C.

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